

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT				1. CONTRACT ID CODE		PAGE OF PAGES	
2. AMENDMENT/MODIFICATION NO. 0002		3. EFFECTIVE DATE 00 NOV 14		4. REQUISITION/PURCHASE REQ. NO. 18040311		5. PROJECT NO. (If applicable)	
6. ISSUED BY CODE		N65540		7. ADMINISTERED BY (If other than Item 6)		CODE	
Commanding Officer Code 3351: C. D'Alonzo-Ferraro (215) 897-7063 NSWCCD-SSES, 5001 S. Broad St. Philadelphia, PA 19112-5083				(<input checked="" type="checkbox"/>)		9A. AMENDMENT OF SOLICITATION NO.	
				X		N65540-00-R-0077	
						9B. DATED (SEE ITEM 11) 20 October 2000	
						10A. MODIFICATION OF CONTRACT/ORDER NO.	
				10B. DATED (SEE ITEM 13)			
8. NAME AND ADDRESS OF CONTRACTOR (No., street, country, State and ZIP Code)				CODE		FACILITY CODE	
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS							
<input checked="" type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended. <input checked="" type="checkbox"/> is extended, <input type="checkbox"/> is not extended.							
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.							
12. ACCOUNTING AND APPROPRIATION DATA (If required)							
13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.							
<input checked="" type="checkbox"/> A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.							
B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103 (b).							
C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:							
D. OTHER (Specify type of modification and authority):							
E. IMPORTANT: Contractor <input type="checkbox"/> is not, <input type="checkbox"/> is required to sign this document and return _____ copies to the issuing office.							
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.) This amendment is issued to respond to the following inquiries:							

CONT'D

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)	
15B. CONTRACTOR/OFFEROR		16B. UNITED STATES OF AMERICA	
(Signature of person authorized to sign)		BY (Signature of Contracting Officer)	
15C. DATE SIGNED		16C. DATE SIGNED	

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I. QUESTIONS/ANSWERS:

QUESTION 1: "Please clarify this conflict re shock; 3.2.5.1 says Class I test, which is hard mount, 3.6.20 specifies resilient mounted compressor, 4.2.7 states Class II test, which is resilient mount."

ANSWER: Paragraph 3.2.5.1 of the Performance Specification should read Class II in lieu of Class I.

QUESTION 2: Paragraph 3.5.3 Excludes the use of aluminum for fasteners and couplings. Are connectors per MIL-C-5015 made from aluminum OK?

ANSWER: No. The connectors must be anodized.

QUESTION 3: Paragraph 3.6.1 reads, "O rings used shall be made of fluorcarbon material per MIL-S-834248/2." Should it be MIL-R-83248/2?"

ANSWER: Paragraph 3.6.1 should read MIL-R-83248/2 in lieu of MIL-S-834248/2.

QUESTION 4: Paragraph 3.6.5 states: "Components with pipe threads are prohibited." This seems pretty equivocal. Does this statement apply to such things as the grease fittings on the motor? Does this also apply to permanently sealed plugs in castings"

Answer: No this does not apply to grease fittings on the motor or permanently sealed plugs in castings.

QUESTION 5: Paragraph 3.6.10 requires motor bearings to be designed to a R10 life of 10,000 hours. This is realistic but conflicts with the 30,000 hour overhaul requirement for the motor in paragraph 3.2.9.

Answer: The median life of rolling element bearings is five times the 10% failure fatigue life (B10 life). Therefore Standard B10 life of 10,000 hours yields a median life of 50,000 hours. This is an acceptable median life for this application.

QUESTION 6: Paragraph 3.6.10 defines that the construction for most motor structural components be from nodular iron. Does this preclude the use of steel for these components?

Answer: No, as long as the motor will meet and pass all the qualification tests and the shock test.

QUESTION 7: Paragraph 3.6.11.1 specifies operating conditions can be found in paragraph 3.7.3 but there is no paragraph 3.7.3.

Answer: Refer 3.2.6 in lieu of 3.7.3.

QUESTION 8: Paragraph 3.6.12.1 requires a charcoal filter. Does this requirement apply to a water flooded compressor?

Answer: Yes. Experience has shown this filter is needed on the dryer under all compressor types to prevent failure of the membrane.

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QUESTION 9: Paragraph 3.6.16.2.1 requires a programming environment that is compatible with Windows 95, Windows 98, or Windows NT. As of November 1, 2000 Microsoft will no longer distribute Windows NT as it has been replaced by Windows 2000. Should Windows 2000 be added to the list?

Answer: Yes Windows 2000 should be added paragraph 3.6.16.2.1 Controller Assembly.

QUESTION 10: Paragraph 3.6.14.1 defines a delivered oxygen content under which a warning label is required to be attached to the compressor. We know of several classes of ships that use low pressure air provided by the LPAC's for breathing air. How will personnel using a low pressure air for breathing purposes in a remote location of the ship know that the air provided by the LPAC should not be used for breathing purposes. Shouldn't this be a low oxygen content limit?

Answer: The warning label on the unit is sufficient for the application of this low pressure air plant.

QUESTION 11: Paragraph 3.6.16.2.2.1 defines "three preset operating modes", but only two operating modes seem to be listed. What are the defined operating modes?

Answer: There are two modes, lead (125/115) and lag(120/110).

QUESTION 12: Paragraph 4.1.3.1.1 requires FA tests which include Structureborne Noise and Paragraph 4.1.3.2 requires quality conformance tests which include Structureborne Noise. Paragraph 6.2 states Structureborne Noise is Not Required for this procurement. Is structureborne noise testing required under this contract?

ANSWER: Structureborne noise testing is not required.

II. Performance Specification for Low Pressure Air Plant Non-Lubricated, Rotary Unit dated 11 October 2000 is changing/adding information as follows:

- a. Paragraph 3.2.5.1 Shock is hereby deleting the word Class I and replacing with CLASS II. The following sentence is also added to this paragraph: "The compressor package should be resiliently mounted."
- b. Paragraph 3.6.1 Piping is hereby deleting the requirement for MIL-S-83248/2 and replacing it with MIL-R-83248/2.
- c. Paragraph 3.6.5 is changed to read: "Components with pipe threads are prohibited, except for fittings such as plugs for core holes or other dead ends of cross drilled passages, which are intended to keep openings permanently closed. Threads will not be used to provide sealing."
- d. Paragraph 3.6.11 is deleted and replaced with the following: "All heat exchangers shall utilize seawater as the cooling medium in accordance with operating conditions in paragraph 3.2.6."
- e. Paragraph 3.6.16.2.1 is hereby adding the words "Windows 2000."
- f. Paragraph 3.6.16.2.2.1 is hereby changing the "three preset modes" to "two preset operating modes."
- g. Paragraph 4.1.3.2(e) Structureborne vibration is hereby deleted.

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h. Paragraph 3.5.3 is hereby adding the following sentence: " Connectors per MIL-C-5015 made from anodized aluminum are allowed."

III. As a result of the above, the closing date and time is hereby extended to 27 November 2000 at 16:00 P.M.